



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CARLSON  
Serial No.: 10/813,568  
Filed: MARCH 29, 2004  
Confirmation No.: 4101  
Due Date: MAY 28, 2005 (30 Day Date)  
Title: ARTIFICIAL RECEPTORS, BUILDING BLOCKS, AND METHODS

Examiner: UNKNOWN  
Group Art Unit: 1645  
Docket: 14095.1US11  
Customer No.: 23552

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 on May 16, 2005.

By: Sheryl A. Boerboom  
Name: Sheryl A. Boerboom

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**23552**

PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Supplemental Information Disclosure Statement, Form 1449, 1 reference, Copy of Two (2) International Search Reports
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903  
612.332.5300

By: Mark T. Skoog  
Name: Mark T. Skoog  
Reg. No.: 40,178  
MSkoog:sab



S/N 10/813,568

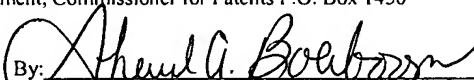
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	CARLSON	Examiner:	UNKNOWN
Serial No.:	10/813,568	Group Art Unit:	1645
Filed:	MARCH 29, 2004	Docket No.:	14095.1USI1
Confirmation No.:	4101	Customer No.:	23552
Title:	ARTIFICIAL RECEPTORS, BUILDING BLOCKS, AND METHODS		

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 on May 16, 2005.

By:   
Name: Sheryl A. Boerboom

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. At least some of the references were recently cited in two International Search Reports mailed on April 28, 2005 and May 3, 2005.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

Certification Under 37 C.F.R. § 1.704(d)

In accordance with 37 C.F.R. § 1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty (30) days prior to the filing of this Information

Disclosure Statement. Accordingly, no patent term adjustment is due for the filing of this Information Disclosure Statement.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided. Enclosed for the Examiner's information are two copies of two International Search Reports. Applicant notes references WO 03/012390; WO 03/074990; WO 00/79008; and Noji et al., "Direct Observation of the Rotation of F1-ATPASE", Nature, 386:299/302 (1997) also listed in the search reports were previously cited to the Examiner.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

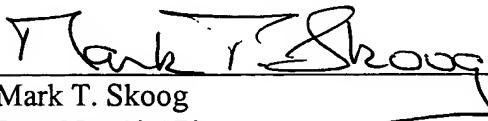
Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

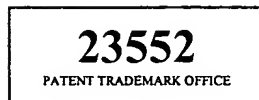
Respectfully submitted

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903  
(612) 332-5300

Date:

May 16, 2005

  
Mark T. Skoog  
Reg. No. 40,178  
MTS:sab





## INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

14095.1US11

Application Number:

10/813,568

Applicant: CARLSON

Filing Date: 03/29/04

Group Art Unit: 1645

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Barbaro, A. et al., "CHEMFET Devices for Biomedical and Environmental Applications", <i>Advanced Materials</i> , 4(6):402-408 (1992)
	Copy of International Search Report dated April 28, 2005
	Copy of International Search Report dated May 3, 2005

23552

PATENT TRADEMARK OFFICE

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.